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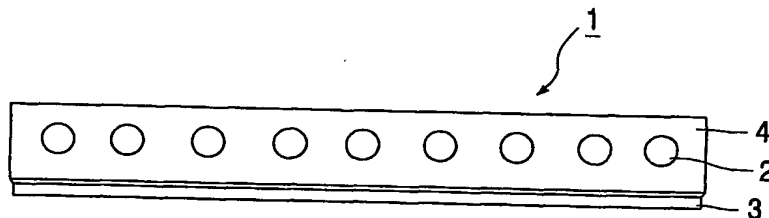
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(54) Title: LUMINAIRE



(57) Abstract: A luminaire comprising at least one light source arranged in a housing for emitting a light beam through a light-transmitting plate of the housing, with the special feature that said housing is provided with a diffuse reflective coating having a water-based solvent and a binder. The binder is on the basis of either a polymer selected from the group

formed by compounds of the following structural formula (I): wherein R¹ comprises an element chosen from the group Br, Cl, I, F, H, wherein R² comprises an element chosen from the group Br, Cl, I, F, H, or an alkyl group, wherein R³ comprises an element chosen from the group Br, Cl, I, F, H, or COOCH₃, and wherein R⁴ comprises an element chosen from the group Br, Cl, I, F, H, OH, or vinyl ether, or an organically modified silane of the sol-gel type, wherein said diffuse reflective coating is applied as a diffuser on the light-transmitting plate.

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